Official Undergraduate News Organ of Technology

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CAMBRIDGE, MASS., MONDAY, MAY 25, 1925

Five Cents

## FINANCIAL STATUS OF ACTIVITIES SET FORTH IN REPORT

All But Three of Self-Supporting **Activities Announce Deficits** 

**HAVE HANDLED \$135,037.34** 

#### Recommend That Activities Plan **Budgets of Expenditures** And Follow Them

Only three of the self-supporting activities at Technology succeeded in completing the past year without a deficit, according to the report submitted by the undergraduate Finance Committee at the final meeting of the 1925 Institute Committee last Thursday, The report includes a review of the financial record of the major activities and the professional societies, and sets forth conclusions and recommendations based upon these facts.

Among THE TECH. Voo Doo, Musical Clubs, Technique, Tech Engineering News, and Tech Show, all of which derive their income by commercial enterprise, only the first three were able to show any profit. The Institute Committee, the Classes, and the M. I. T. A. A. derive their support mainly from undergraduate dues, while the T. C. A secures its income principally from the student drive in November of each year. The total amount of money handled during the past year by these activities was \$116,733.58, making up 86.6 percent of the \$135,037.34 handled by all the activities. The professional societies, and other miscellaneous societies and clubs took care of the other \$18,-303.76, securing their income by membership dues.

### Activities Less Prosperous

The report states that the general trend of prosperity for the self-supporting activities was downward during the past year, and ascribes it to several causes, among which are lack of student interest in the activities, delay and inconvenience resulting from changes in management, and unfavorable business conditions. The affairs, as evidenced by the financial statements, of may be a few of this type, the average those activities receiving money from man is not as black as Marks pictures undergraduate dues were efficiently him. The real difficulty is in the indifhandled, except in the case of the ference and lack of ambition of the stu-Classes, where some laxity prevailed, dents, and until the ambitious can be due somewhat to the unfamiliarity of weeded out from the lazy ones we will with the details Class Treasu of their work. The finances of the The proper method of education, he said, group of activities made up of the professional societies and clubs are in reasonable shape, according to the report.

Suggest Committee Changes Among the recommendations of the Finance Committee was that the selfsupporting activities supervise their RELIGION IN INDUSTRY work so that the most efficient management be attained, and suggested following a carefully planned budget, ascertainment of business conditions, and consideration of the progress during | May T. E. N. Out Today, Includes past years. It was recommended in the second place, that Class Treasurers be more carefully instructed by their pre-decessors in their duties. Revision of the financial systems of the professional societies and miscellaneous clubs, was also urged, whereby a general bank account would be maintained in the name of the Finance Committee and subject to check by that body only. A change in the form of the Finance Committee report was also recommended, and furthermore it was suggested that this body be reorganized, and its powers extended so that it might act in the capacity of an auditor for undergraduate organizations.

## SCHOLARSHIP AWARDED TO INSTITUTE STUDENT

J. H. Raftery, a student in the architectural course at the Institute, has been announced as the winner of a \$500 scholarship to the Fontainebleau School of Fine Arts, by the Beaux Arts Institute of Design of New York City, which made the award. Luther S. Lashmit of the Carnegie Institute of Technology, Pittsburgh, is the winner

of a similar scholarship. Raftery is a graduate student at Technology and received a degree of Bachelor of Arts from Princeton University in 1919. He will sail on June special three month's course for American students of architecture.

### Institute Activities Do Rushing Business

In the past year the undergrad uate activities at Technology did an amount of business as indicated below:— M. I. T. A. A. .... The Tech Institute Committee ..... Voo Doo ..... Technique ..... Musical Clubs ...... Professional Societies and 18,303.76

## **NEW EDUCATIONAL** SYSTEM DISCUSSED

#### Professor Jackson Tells of Plans For Change in Method of Teaching Course VI

"Not until at least fifty percent of the men in a class have enough ambition to plan their own courses of study and pursue these studies under their own initiative will the professors feel that they are turning out anything more than mediocre engineers," was the statement made by Professor D. C. Jackson to the Sophomores in P. E. E. at the regular lecture Friday morning.

Professor Jackson stated that his ideas on education are widely different from he ones which we at present accept. He plans to allow a select group of Sophomores a wide range in selecting their courses for the next two years and will probably have a system whereby a student can attend the lectures or not as he sees fit. For instance, if a student thinks that he can get more by reading a book or magazine than by listening to a lecture, then Professor Jackson would allow that student the privilege of studying in this manner, and if he passed the final examination he would receive full credit for the course. As an example, he told how a student in economics might get more out of the course by reading two books than by attending all the lectures.

Percy Marks was severely criticized as a "liar" and "fool" for representing the average college youth as he did; Professor Jackson pointed out that while there never have an ideal class of students is based on the conception that the real idea back of education is to keep the student working up to his higher natural level of accomplishment.

## IS FEATURE SUBJECT

## Many Other Articles

which will appear today, is entitled to sing their own crew song, the words "The Way Up." It is by R. W. Ridg-way, President of the Craig Ridgway ber of the eight. Following this, Bill & Son Company, and is an account of his investigations to determine how the leading men of the country have succeeded. Mr. Ridgway states, curiously enough that he has discovered that religion plays an important part in business, and he has a pet theory that most of the successful men are deeply interested in religion.

An account of the work of the R O. T. C. Chemical Warfare Unit at the Institute, the only unit of its kind in the country. is given by Professor Thomas Phillips, head of the unit. The development of the United States Chemical Warfare Service and a description of Edgewood Arsenal, its home, are also included in the article.

Jay Balsbaugh '24 of the Electrical Engineering Department at the Institute has written a discussion of the economy in the use of mercury as a binary fluid, and a description and explanation of the Carnot cycle and the mercury-vapor cycle.

Other articles on Niagara Falls, on water-cooled furnaces, and on modern testing of firebrick, the usual book reviews and descriptions of recent tech-20 on the S. S. France to attend the nical developments, and a page of humorous notes from the editor's desk said Dr. Morse. The examinations are ident of Harvard University will prescomplete the new issue.

## BOWDOIN AND B. C. TIED FOR FIRST HONORS IN N. E. MEET —TECH IN FIFTH POSITION

## Dividing Honors at the N. E. Meet | FIVE RECORDS ARE

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## Technology Crews End Season with Annual Banquet on Saturday Night

In culmination of one of the most successful seasons of rowing at Technology, the Beaver oarsmen held their annual banquet in the Riverbank Court Hotel on Saturday night. Election of captains, presentation of awards, and speeches from the various men present, were the main features of the evening. Throughout the dinner music was furnished by the Tunesters. Following the meal the light Varsity left the room to elect their captain for the coming year. Mark Greer '26, captain of the eight this year, was once more unanimously chosen to lead the light crew during the next season. W. H. Latham '26 was re-elected as captain of the Var-

sity eight. Dr. A. W. Rowe '01, the first speaker of the program, congratulated the various crews on their showing this Spring and declared that Technology not only had a fine start in rowing, but also had a great foundation on which to build even a better reputation in future years. J. A. Rockwell '96, Chairman of the Advisory Council, after commenting briefly on the rowing season, presented the awards.

Bill Haines was called upon to say a few words. As usual he was greeted with much applause and cheering. In speaking of the past season, he expressed his appreciation of the manner in which the men have stayed behind him, stating that such co-operation and spirit all add to a successful season. A. H. Stanton '25, last year's manager, said a few words, and was followed by a brief talk by Mark Greer.

As an example of the spirit that has One of the featured articles in the prevailed amongst them during the en-Latham '26, captain of the Varsity, gave a brief talk, in which he emphasized the great necessity of condition among the men. Bob Bigelow, who was recently elected as manager to succeed Guy Frisbie, spoke a few words about the wonderful co-operation of the men and the management this year, stating that he hoped the same condition would prevail next year.

#### ADVISES SENIORS TO TAKE PHYSICAL EXAM

Up to the present time 328 men of the Senior class have taken their physical examinations, according to Dr. G. W. Morse, Medical Director in charge. "As this examination is for the benefit of the student, and as we feel that every man should be advised as to his physical condition before taking up his life work, we hope that all Seniors will take advantage of this opportunity. Since the present Senior has had four years under the health supervision of the present personnel, we would like a final personal visit from each Senior," entirely confidential.

## SILVER BAY TO BE SUBJECT OF TALKS

### Professor Bowman, H. R. Greatwood '25, and Phillips of Harvard Will Speak

A public meeting for the purpose of telling the students at the Institute about the coming Silver Bay conference will be held in room 10-250 to-morrow at 5 o'clock. A. D. Phillips of Harvard and Professor H. L. Bowman '14 of the Civil Engineering Department will speak; and H. R. Great-wood '25, who was a member of the of the scenery of Silver Bay and the events of the gathering.

Mr. Phillips is the newly-elected president of the Harvard Christian Association, and the leader of the Harvard's Silver Bay delegation. He has succeeded in securing 24 men so far for his delegation, while Technology has so far only twelve. The title of his talk is "Why I think a College Man should attend the Silver Bay Conference." Professor Bowman, who was the Faculty representative of the Institute at Silver Bay two years ago, will describe his impressions of the confer-

Many of the Institute men who are going to the meeting at Silver Bay intend to travel by the "hitch and hike" method-riding when they can, and walking when they must. The T. C. A. is willing to meet up to half of the expenses of the trip, but is unable to pay the entire cost (about \$40 in all).

#### LOWELL STUDENTS TO GRADUATE WEDNESDAY

Mr. I. E. Moultrop of the Edison Electric Illuminating Co., will be the chief speaker at the graduation exercises of Lowell Institute, to be held Wednesday

evening at 8.15 in room 10-250. Mr. Moultrop is Assistant Superin tendent of the Construction Bureau and has direct charge of all construction which the company undertakes. He directed the construction of the large power plant recently erected at Weymouth and it is expected that he will touch on this project in his talk.

In the absence of Dr. Stratton, Pro-fessor E. F. Miller, head of the Mechanical Engineering Department, will represent the Institute at the exercises. Professor C. F. Park, Director of Mechanical Laboratories and Director of the Lowell Institute, will address the graduating class and Dr. A. L. Lowell, Trustee of Lowell Institute and Present the certificates.

## SHATTERED IN N. E. **CLASSIC SATURDAY**

Leness Betters Record in Half Mile-Sanford Breaks Tech Field Mark

HOLY CROSS FINISHES HIGH

#### Steinbrenner Falls in Hurdle Event as he Leads Field By Good Margin

Sorely crippled by pulled tendons and poor condition, it was the lot of Technology to finish no better than fifth in the 39th annual classic of the New England Intercollegiate Association, held Friday and Saturday afternoons on Tech Field. Bowdoin and Boston College were tied for first place. The meet was replete with record breaking performances and fast imes, five records going by the boards.

One of the best races of the afternoon was the half-mile which was won by George Leness of Technology in the exceptionally fast time of 1 m. 55 s., thereby eclipsing by 3-5 seconds the former mark made by the great Norman Taber in 1913. "Big" George thoroughly demonstrated to the assembled throng that he is without a doubt one of the best half-milers in the country.

Challenged by Larrivee

At the gun, George was off like an arrow out of a bow, and closely trailed by "Mac" Corey of Bates he set out on a journey which will never be forgotten by those present at Tech Field Saturday. By the time the first turn was rounded Leness had increased his lead to about 3 yards.

As the final lap started George was running free and easily, still about 3 1923 delegation, will deliver a lecture yards in the van of the field, his long on the conference illustrated by slides stride carrying him over the cinders at a rapid rate. It was in this lap that his wonderful stamina and staying power stood him in good stead. Leo Larrivee of Holy Cross who, with Bob Foster was one of the favorites to take the event, challenged Leness about 75 yards from the finish.

George responded with a beautiful spurt and for a moment the flying athletes raced neck and neck, but only for an instant were they together, for Leness, with his big muscles working in perfect co-ordination, his legs functioning with clock-like regularity and his arms swinging in perfect harmony with the rest of his body forged to the front in a pace which was too hot for the Worcester flyer to follow. He crossed the tape a good 4 yards ahead

#### of Larrivee who finished second. Steinbrenner Falls on Hurdle

Bob Foster of Bowdoin who has won the event for the preceding two seasons never had a chance and just barely managed to squeeze into fourth place. This race was the fastest 880 ever run on Tech Field and to win against such a field as faced the starter on Saturday is a wonderful feat.

Not content with putting four of Technology's men out of the running by pulled tendons, Lady Luck frowned on the Cambridge athletes once again, in the semi-finals of the 220 yard low-hurdles when Hank Steinbrenner, af-

(Continued on Page 3)

### **CALENDAR**

Monday, May 25
2:00—Meeting of Naval Architecture Society in room 5-420.
8:00—Meeting and election of M. I. T. Meth Club in north hall, Walker.
9:00-5:00—Civil Engineering Society Elections,

room 1 37%.
Tuesday, May 26

12:00—Automobile lecture in room Wednesday, May 27 12:09—Automobile lecture in room 3-270. 8:15—Lowell Institute Graduation exercises in room 10-250.

TOOM 10-250.

Thursday, May 28

12:00—Automobile lecture in room 3-270.

Play directory ....-b-f ....J ....- ....

A Record of Continuous News Service for 44 Years



Official News Organ of the Undergraduates of Technology.

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#### THE WRONG METHOD

"WHAT fools we mortals be!" Sometime ago Mr. W. J. Bryan spoke at Brown University on the subject of evolution, a theory in which he does not believe. He is so strongly opposed to the spreading of the theory that he wishes to see the subject dropped from the curriculum of every college, and its teaching forbidden by

Students at Brown do not believe in such intolerance. So, to express their disapprobation of it, they hooted and booed him, making so much noise at times that it was impossible to hear him. Truly a very effective way of making a protest against intolerance

It is an unfortunate fact that we all see much too clearly the faults of others, yet have a blind spot in the portion of our eyes turned towards our own shortcomings. For an audience to be itself guilty of the very thing for which it hisses a speaker is only one example of this.

Whether or not Mr. Bryan's talk at Brown persuaded anyone of the fallacy of the Evolution theory, it did do one thing for his cause. To some extent, it excused his intolerant attitude by disclosing the intolerance of his opponents. Because of our scientific training, we engineers are prone to believe in the Evolution theory, but we at least believe in giving the case a fair hearing, even if only to show up the erroneous arguments of those who refuse to accept the newer ideas on the creation and development of the world and its inhabitants.

### PANAMA OR OAHU?

THE recent naval maneuvers around Oahu in the Pacific Ocean I have brought to light a situation which demands some action in by reason of the vivid imagination of its the way of strengthening the defenses of this strategic point. It has been pointed out that Oahu, in the Hawaiian Islands, is at the crossroads of the Pacific, and because of its importance should be exceedingly well fortified. It is generally conceded by naval authorities that such fortification is necessary; but more imperative Brian C. Curtis. immediate steps should be taken on the fortifications of the Panama

The Panama Canal represents the height of engineering enterprise during the last twenty years. It is of inestimable value commercially, saving thousands of sailing miles and millions of dollars annually. Its strategic value is no less great; for it links our two seaboards giving us one united navy rather than two separate ones. The conclusions to be drawn from this situation are obvious-let us inaugurate our defense movements nearer home. The situation at Oahu is such as may be remedied by a constructive program spread out over a period of years.



Just when it's getting too late to af fect them, the freshmen are beginning to agitate for an elevator in Walker. The Lounger saw one petition at the time, without any signatures, declaring that man cannot properly go through "monkey drill" after climbing three or four flights of stairs. A suggestion that the freight elevator be opened to passenger traffic was scorned by the haughty men of 1928.

A brilliant student in Course 7 Fisheries has hit upon an idea which he claims will entertain visitors to the Institute well. He says the wives and children of the faithful alumnus who comes back yearly to watch an engine test or class reunion find the technical work quite boring. The noise of the engines and the moving parts prove fascinating for a while but the novelty of the occasion soon wears off and they try to get father to leave.

idea. The bored guests could then en tertain themselves with fishing and casting matches. He goes on further and states that those who are inconvenienced in the sport by small children can check them in the constant temperature lab. or if desired in the extreme temperature lab.

His ideas have some merit but yet he is quite inconsiderate at times how those poor little fishes would suffer living in that water which fills the water-

The progressive nature of the instructive staff is magnificiently illustrated in the latest scientific method which has been brought to the attention of the Lounger. A certain professor of the Applied Mechanics Department has appointed a monitor to stand at his side to clean the board as he rapidly works from one end of the board to the other.

Under this unique system the wellmeaning professor has calculated that he will be able to cover the various types of problems and in addition announce the lesson for the next class all within the hour. The Lounger suggests another time saving device. Why not paint standard beams of the four popular styles at the top of the board in a brilliant orange color? It should then be a simple matter to cover the skeleton with an impervious coating Plant fish in the waterways in the of reactions, pulleys, uniformly distrib-lower engine lab is the young students uted and highly concentrated loads.

## Book Reviews

"Prose and Poetry," written, edited, and published by the students of the School of Practical Arts and Letters of Boston Univer-3, Walker Me-Univ. 7029

This book is interesting in that it shows what a high grade of literary composition may be accomplished by college girls. It is a collection of work of the students in the Creative Writing course, and is published annually.

Half a dozen short stories occupy the first half of the book; one or two of them unusually good and all of them in teresting. The rest of the book is taken up with poems, almost all lyrics; and the poetry is even better than the prose-

Of course, judgment of such a book must be based on relative standards—one does not\_expect to find an Edith Wharton or an Amy Lowell writing in a college publication. But while there are many poems and some stories which are perhaps no more than mediocre, there are some-notably the two lyrics "The Dancer" and "Meditation" which exhibit signs of the touch of genius.

The book is being distributed through the Dean's office at the college, and the sale is not restricted to students. Since the school stands part of the expense of printing, the volume is being sold at a

"Copy-1925," an anthology of work by stu dents in University Extension, Columbia University. New York: D. Appleton & Co. \$2.00.

As a Spanish undergraduate once explained Olla Podroda to be-"It's hash-but good." Such is the array of stories, plays, poems and essays presented by Copy-1925. As the cover announces the contents are "from the published works of students in the special courses in writing, University Extension, Columbia Un-

It's hash-but good; and like its conglomerate forerunner it leaves an excellent impression behind as a whole while the individual constituents do not stand sharply out. Perhaps that is the desired effect in a good anthology. In this case it is well done giving a sense of good proportion.

From a rapid perusal of the introduction (it is short but Introductions generally harbor excuses) this reviewer gathered that certain of the copy included was awarded prizes by some committee. In each case he reluctantly denied that the prize winner was the best of its class in the volume.

"The Mouse" by May Freud Dickenson was accounted the best short story. It is good, well planned and well written, but for mere enjoyment it is beaten by several. For those who like to feel a lump in their throat and yet a smile on their lips has been included "The Autograph Album" by Mariel Brady. It is a child story in a vein similar to "Boo,

Baa, Black Sheep."
"Bottle Stoppers" furnishes the horror of the volume but it is more amusing author, Marion Elizabeth Watson, than for its actual spinal chills.

Adventure is provided by "The American" by Frances Noyes Hart and "Dinner Aboard the Dog Star," by

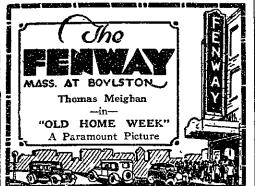
These stories amount to twelve in number all equally good. Each possible mood of the reader is fulfilled.

The Essays include the now wellknown "Cooks I Have Loved-and Lost" by Caroline E. Vose and "Our Hired Man" also by Miss Vose. The other features of this section come more truly under the head "Special Features" as noted in the table of contents. They consist of two travel-descriptive articles and a discussion of a point of current social history.

For those who like the sonorous roll of Shakespere there will probably be little in the poetry section of interest. For those who like poems for their 'idea' this section will be good. There are only six short poems printed but these attain a creditably high average.

Two one act plays are included at the end of the volume, "Bush Queer" by Claude Habberstad and "Our John" by Zillah K. MacDonald. "Bush Queer" is written in a mystic vein and succeeds very well in throwing its spell of awe around the reader. "Our John" far from being the rustic comedy its name promises, is a tragedy of considerable depth, highly impressive. This reviewer considers it the finest piece in the

From the sketchy list above with its random selection of titles for remarks, the reader may gather the scope of the volume and anticipate the several hours pleasure awaiting him therein



## Seen and Heard At the Silver Bay June Conference

By "Wally" M. Ross General Secretary, T. C. A.

"What's the big idea?" asks the guy in the main lobby. 'Any girls to look into my eyes?'

queries the queer boy in Walker.
The "big idea" is that for eight days

many men mingle in morning meetings, afternoon athletics and evening entertainments with hats and coats off and sleeves rolled up. The platform speakers are those most desired by colleges: Sherwood Eddy, John R. Mott, Henry Sloane Coffin and Harry Emerson Fosdick. The forums discuss International problems and Christian solutions, homeland problems, college problems, etc. The athletics include the baseball series, the tennis tournament, the track meet, the swimming meet, to say nothing of the boating, fishing and hiking. The "Stunt Night" with its queer costumes, college yells and college songs, added to the general sociability, give to the whole occasion a uniqueness which is only collegiate. And as to the girls-some wait on table and several college dramatic associations produce "peaches" on "Stunt Night."

Tis said that a college man's course is not complete without his attending at least once, one of these big student conferences held in June every year in different parts of the United States. Is this year our year? It is for us to say whether or not we will benefit ourselves and whether or not we will place Technology where she belongsin the foremost rank. "My name's Black, of Syracuse."

'Mine's Smith, of Tech-M. I. T., you know.'

Thus two men meet at Silver Bay. And No. 1 asks how many No. 2 has in his delegation. And three years ago No. 2 stuck out his chest and said "51." And two years ago he answered "19.' And a year ago he proudly said, "31."

Now up in the northeast corner of old New York State, there are some mountains called the Adirondacks. And nestled down between some of those mountains is a body of water called Lake George. And three-quarters up the west side of this lake, in the district known as the "Switzerland of America," is the spot called Silver Bay. And here is held annually that conference promoted by the Student Department of the Y. M. C. A. which is attended by some 600 delegates representing 60 different institutions in New England and the Middle-Atlantic States. Yes, last year Yale had 60, Cornell 40, Tech 31, Harvard 29, Dartstates 27 Peres States 21 descriptions mouth 27, Penn State 24, etc., etc. For 39 consecutive years students have been attending this great inter-collegiate gathering

### **FURNACE FUSES METAL** WITH WIRELESS HEAT

Reports from England that the wireless furnace was to be adopted by the steel industry of Sheffield for use in melting solid metals, brought to light recently that Dr. E. Northrup, the inventor of has perfected a pr making an alloy of copper, nickle, and iron. This alloy used in electrical meters protects the instrument from the effects of wide temperature variations.

The invention consists of a crucible surrounded by a cold copper coil. The coil has no connection with the crucible and the metal therein, but heats the metal inside by induction. Inasmuch as heat is generated only in the contents of the crucible the metal melts seemingly of itself and is stirred in the meantime by the currents flowing through it. It is described as a radio process with a span of a few inches as compared to miles of distance spanned in the usual radio operation.

"Permalloy" a new invention which gives submarine cables a capacity of about 1700 letters a minute is said to have been made possible by the wireless

Among all the rules and points given by various honor students and \*exprominent-campus" men the following on "How to be successful scholasticly and in activities," seems to be the seems to safest to follow: Systematize your daily program of work and play. ganize, systematize, and speed up your daily routine and you will double your legitimate leisure, without the least dim-inishing of the daily output of your

## Play Directory

COLONIAL: "Topsy and Eva." Uncle Tom' Cabin in musical comedy. COPLEY: "R.U.A. Mason." Clever farce that has been approved of for years. PLYMOUTH: "Oh, Mama!" Just a little off color for Boston.
ST. JAMES: "The Show Shop." Last appearance of the Boston Stock Company.
SHUBERT: "Rose Marie." Very good production. Unusual features.
TREMONT: "No, No, Nanette." Awfully good little show. See it.
WILBUR: "The Brown Derby." A new musical comedy. Short engagement.

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"Big George" Proves Equal to Larrivee's Challenge at the Finish

DREW THIRD IN HAMMER

McManus of B. C. Springs Big Surprise in Winning Hammer Throw

(Continued from Page 1)

ter leading the timber-toppers for three quarters of the course, fell in going over the 7th hurdle and was consequently out of the race for good. There is hardly any doubt that if this misfortune had not happened Hank would have won the final heat in this event, thereby adding five points to Technol-

ogy's total.
Perhaps the most colorful race came in the 440 yard dash when Tierney of Holy Cross with two of his team mater in 3rd and 4th position, raced to a new record of 48 4-5 s. Tierney, who is generally recognized as one of the leading double-furlong artists in the country, was about 5 yards ahead of the remainder of the field at the tape.

Lermond Sets Record In 2-Mile Although Leo Larrivee bowed to Len ess in the half-mile, he established hi supremacy in the mile run by leading Tom Cavanaugh of Boston College to the worsted by several yards. Cavanaugh took the lead at the start and was not passed until just after he had rounded the last turn, when Larrivee sprinted by him to finish in 4 m. 21 1-5 s.

George Lermond, B. C. runner, after trailing Peaslee of New Hampshire for the first part of the two-mile, let out in the last half of the distance by passing Peaslee and by uncorking a fast sprint at the end broke the existing record of 9m. 35 3-5s. by 2 3-5 seconds.

Bowdoin's failure to garner more points was due chiefly to two things namely, Harold Littlefield winner o the low hurdles last year, failed to come through this year and Bob Fos ter was left in the ruck in the 880. It was in the high hurdles that Johr Murphy of B. C. who finished third in this event last year, equalled the record of 15 1-5 s

Sanford Breaks Record

evens as was expected but in the 220 of the Tech team to receive top honhe was barely beaten by Tierney who a half-hour before had won the 44( in record time. Frank Farrington, one of Jack Magee's proteges was left out in the cold in the century just managing to eke out a fourth place.

Major Sanford continued his string of victories and copped the blue ribbon in the pole vault with a leap that of-ficially smashed the Institute record in that event, made by Nagle in 1919. He soared 12 ft. 2 1-2 inches above the ground. The bar was then set at 12 feet 6 5-8 inches, but Sanford failed to clear this by the proverbial hair, and so failed in this attempt to break the N. E. I C. A. A. record.

Captain Drew Third In Hammer Perhaps the best duel of the afternoon was staged in the high jump between Hastie of Bowdoin and Charles Drew of Amherst. The two contestants struggled from two to four o'clock, as the bar was raised inch by inch until the six foot mark was reached. Even after the last running event had been completed the high jumpers had not yet determined who was superior. It was then announced that the outcome of the meet was hinged on the success of the Bowdoin high-jumper. If he won the event Bowdoin would tie B. C. for first honors. Yet, if he won he would have to jump about 2 nches higher than he ever did before. The Bowdoin man won the event with the bar set at 5 feet 11 5-8 inches causing a tied score.

The field was greatly surprised when Art McManus of B. C. won the hammer throw with a heave of 146 feet, 3 3-4 inches. He was recognized as good man but was hardly expected o beat Chink Drew of Tech who won hird place with a mark of 142 feet, 1 inch. Several of Captain Drew's marks were better than this but his old fault of fouling prevented them from counting.

P. S. Davis came down from New Hampshire unheralded to win the broad jump with a leap of 22 ft., 11 1-4 inches,

with the fourth man, Stanley Rowe of Bates, only nine inches behind.

Wellington Charles worked right in form and copped two places for Bow doin. "Duke" broke the existing New England dienes throw record with a England discus throw record with a heave of 148 feet., 11 inch., breaking Whitney's record of 135 ft. 5 9-10 in. which has stood the assault of fourteen years. He easily outclassed the field in the shot put with Saul Brodsky of

## New England Meet Summary

120-YARDS HIGH HURDLES. First semi- | Taylor, Colby; second, R. G. White, Wes final-Won by Carl Ring, Maine; second, Charles Drew, Amherst; third, H. G. Steinrenner, Tech. Time-15 1-5s. Second semifinal-Won by John Murphy, Boston College; Taylor, Colby; second, Red Reha, B. C.; third, second, C. O. Dooley, B. C.; third, W. H. True, Maine. Time-15 2-5s. Final-Won by John Murphy, B. C.; second, Carl Ring, Maine; third, Charles Drew, Amherst; fourth, G. H. Steinbrenner, Tech. Time 15 1-5s. (Equals record).

100, YARD DASH. First semi-final-Won by Frank Farrington, Bowdoin; second, A. P. Kauzman, Tech. Time-10s. Second semi-final -Won by Ernest Morrill, B.U.; second, George Mittelsdorf, Colby. Time-10 1-5s. Third semifinal-Won by Maurice Finn, B. U.; second, R. C. Hearon, Colby. Time-10 2-5s. Final-Won by George Mittelsdorf, Colby; second, H. C. Hearon, Colby; third, Ernest Morrill, B. U.; fourth, Frank Farrington, Bowdoin. Time

MILE RUN-Won by Leo Larivee, Holy Cross; second, Tom Cavanaugh, B. C.; third, A. S. Hillman, Maine; fourth, Louis Welch, B. C. Time-4m. 21 4-5s.

QUARTER-MILE RUN-Won by Joe Tierney, Holy Cross; second, R. F. Brown, Colby; third, Frank Burns, Holy Cross; fourth, Walter Mulvihill, Holy Cross. Time-48 4-5s.

SHOT PUT-Won by Wellington Charles Bowdoin, 43ft. 9 1-4in.; second, S. Brodsky Tech, 41ft. 9 7-8in.; third, K. L. Wentworth, Colby, 40ft. 11 5-8in.; fourth, T. L. Dickson, Maine, 40ft. 1 1-4in.

TWO-MILE RUN-Won by George Lemond, B. C.; second, F. W. Peaslee, N. H Univ.; third, J. J. Jacoby, Conn. State; fourth, A. A. Wills, Bates. Time-9m. 33s.

HAMMER THROW-Won by Art McManus. B. C., 146ft. 3 3-4in.; second, J. F. Loud, Bowdoin, 143ft. 1 3-4in.; third, G. A. Drew, Tech, 142ft. lin.; fourth, N. Greenwood, Williams, 141it. 6 1-2in.

TWO HUNDRED TWENTY YARDS LOW HURDLES. First semi-final-Won by F. A. Reha, B. C.; second, D. W. Torrey, Maine. Time-25s. Second semi-final-Won by E. M. shire, 5ft. 9 3-4in.

Tech in second position. The winning | TECH WHITEWASHED BY heave was 43 feet, 9 1-4 inches, while Brodsky made a pretty toss of 41 ft., 7-8 in. Incidentally Brodsky is a Junior and should score for Tech next year in the shot and discus both.

Captain Riday of Wesleyan smashed the javelin throw record set up last year by Brooks of Northeastern by 15 feet when he performed a beautiful toss of 176 feet, 1 3-4 inches.

Had Chink Drew come through in the hammer and high jump on Saturday and Hank Steinbrenner not had hard luck in the hurdles, we would without a doubt won the New Eng-George Mittlesdorf, Colby sprinting land's. But as the meet is over no ace, won the hundred yard dash in alibis will be offered for the failure

leyan. Time-25s. Third semi-final-Won by W. G. Zinn, Williams; second, S. Geddings, Maine. Time-25 3-4s. Final-Won by E. M. R. G. White, Wesleyan; fourth, S. Geddings,

Maine. Time-24 4-5s.

TWO HUNDRED-TWENTY-YARD DASH. First semi-final-Won by W. H. Hastie, Amherst; second, F. Farrington, Bowdoin; third, R. C. Hearon, Colby. Time-22 3-5s. Second semi-final-Won by George Mittelsdorf, Colby: second, J. P. Tierney, Holy Cross; third, John Tarbell, Bowdoin. Time-22s. Final-Won by Joe Tierney, Holy Cross; second, G. L. Mittelsdorf, Colby; third, W. H. Hastie, Amherst; fourth, Frank Farrington, Bowdein. Time-22 1-5s.

JAVELIN THROW-Won by R. S. Riday, Wesleyan, 176ft. I 3-4in.; second, R. H. Evans. N. H. Univ., 164ft. 5in.; third, O. B. Brown, R. I. State, 163ft. 2 1-4in; fourth, E. I., Fillonan, Brown, 161ft. 8 1-2in.

POLE VAULT-Won by Major Sanford, Tech, 12ft. 2 1-2in.; second, R. C. Hobson, Maine, 11ft. 6in.; third, J. P. Wilson, Amherst, 11ft.; fourth, tie between H. T. Commons, Williams, and T. J. Hunt, Brown. 10ft. 6in.

HALF-MILE RUN. Won by George Leness. Tech; second, Leo Larivee, Holy Cross; third, William McKillop, B. C.; fourth, R. J. Foster, Bowdoin. Time-Im. 55s. (record).

DISCUS THROW-Won by Wellington Charles, Bowdoin, 148ft. Hin.; second, W. M. Barrows, Maine, 124ft. 2 3-4in.; third, E. L. Burke, Bowdoin, 123ft. 6in.; fourth, H. B.

Snow, Bowdoin, 122ft. 1in. BROAD JUMP-Won by P. S. Davis, New Hampshire, 22 ft. 11 1-4in.; second, L. E. Sniffen, Mass Aggies, 22ft. 6in.; third, Maurice Finn, B. U., 22it. 5 1-2in.; fourth, Stanley Rowe, Baes, 22f. 2in.

HIGH JUMP-Won by O. A. Kendall, Bow doin, 5ft. 11 5-8in.; scond, C. Drew, Amherst, 5it. 11 1-8in.; third, tie between Phil Shumway and J. E. Thomas, Williams; John Garrity, B. U., and P. S. Davis, Jr., New Hamp-

## WILLIAMS GOLFERS 6-0

The Technology golf team was white washed by a fast aggregation from Williams College, 6-0, on the Commonwealth course last \*Saturday. All the matches were won rather easily by the Williams men excepting that in which Elkins of Tech lost to Bickness of Williams in a match that just bristled with splendid playing.

Summary: Comstock (W) defeated Edmonds (T); Blaney (W) defeated Head (T). Stratton (W) defeated Mitchell (T); Bick-

nell (W) defeated Elkins (T). Comstock and Blaney defeated Head and Edmonds; Stratton and Bicknell defeated Mitchell and Elkins.

## **CREW-RACE WON** BY FROSH EIGHT

Richards Cup Record Shattered as Yearlings Win on River Saturday

Smashing the record for the course by five full seconds, the frosh crew made away with the Richard's Cup Race Saturday afternoon on the Charles. Following the yearlings by two lengths came the Sophomore eight, while the Seniors skipped into third place one length behind the 1927 crew. The Juniors, winners of the event for the last two years, as a result of a broken oar, limped across the finish fully seven lengths to the rear.

Perfect racing weather marked the opening of the race. There were few ripples on the Charles when the eights shot off at the gun. Both the frosh and Sophomores cut the water first, leaving the upper class shells slightly to the rear. In the first minute of the affair No. 3 in the '26 shell broke an oar, putting them out of the race. The first quarter of the race found the lower classmen pulling along on even terms, the Seniors being content to take the spray of the leaders.

At this point the frosh made their first bid, raising their stroke several notches. The shell shot ahead of the 1927 crew by half a length, while the upper class eights lagged further and further behind. The Sophomores duplicated, increasing their pace, but the frosh met the advance stroke for stroke and kept their advantage. The pace was proving too much for the Seniors, leaving them three lengths to the rear and leaving them out of the race as a serious contender.

The half mile mark found the frosh one length in the van of the Sophomore eight, who in turn held a corresponding lead over the Senior aggregation. The yearlings sensed victory even at this early stage of the race and pulled away from the second shell with a vengeance. The lead of the frosh was increased to

a length and a half at the three-quarter mile mark and from this post to the finish there was little doubt as to the outcome.

Fully one length of open water separated the frosh and Sophomore eights, with the same margin of victory between the latter and the Seniors. Last year's winner, the 1926 eight, finished some distance in back of the third eight. The time for the mile course was 5:23, displacing last year's record mark of 5:28. Further accidents marred the race for the Juniors when their No. 2 "pulled a crab" on the line and toppled into the water. He was picked up by the launch before complications could arise.

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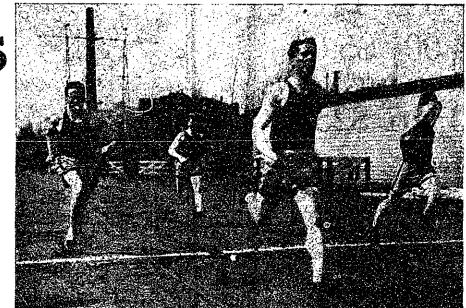
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## **TECH TENNIS TEAM** WINS AT MEDFORD

## te Hard Three-Set Matches To Tufts Men

Friday, the Varsity tennis team was track team scored first places in all the only able to defeat Tufts on the Med-running events and in the high hurford courts 4-2. Broadhurst, usually a dles the Brown yearling's superabunconsistent winner, was crippled due to dance of stars in the field events caused three smashed fingers, and lost after the Engineers to taste defeat. 71 1-2 three hard sets to Nichols, 3-6, 8-6, 7-5. to 54 1-2, at Providence Saturday.

The match with Dartmouth on Satur
Two Institute freshman records w day was called with Dartmouth leading

in defeating Dowson of Tufts in straight sets. Dowson had a fast serve, a fair forehand, but his weak back-hand left many openings for Russell to bombard with well placed shots. Hinck was somewhat a surprise in losing to Slack in the second singles. Although Slack has been the most consistent winner of Tufts, it was not expected that he could defeat Hinck, who has been playing fine tennis all year.

Summary: Nichols (T) d. Broadhurst (MIT) 3-6, 8-6, 7-5; Russell (MIT) d. Dowson (T), 6-2, 6-2; Slack (T) d. Hinck (MIT), 5-7, 9-7, 6-4; Peck (MIT) d. Banks (T), 6-1, 6-4; Russell and Hinck (MIT) d. Dowson and Slack (T). 6-2, 6-4; Broadhurst and Peck (MIT) d. Nichols and Banks (T), 6-0, 4-6, 6-4.

202 Brattle Building

## Records Fall As Frosh Tracksters Lose To Well Balanced Brown Team

## 220 but Kirwin's Record Not Allowed

Playing somewhat eratic tennis on Although the Technology freshman

Two Institute freshman records were Captain Joe Russell had little trouble series of victories by running his half very useful in scoring Varsity points mile in 2 m. 1 1-5 s., breaking the record held by F. L. Plaisted '23, of 2 m. Summary 1 2-5 s., and Spud Miller broke Al Kauzman's '27, furlong record by 1-5 of a second when he negotiated the distance in 23 1-5 s. Miller also equaled the 100 yard record held by Jack Wiebe 27. of 10 1-5 s. Unfortunately Kirwin's new mark was not allowed as one of the three timers failed to clock the Tech runner.

Martini Scores for Tech '28 Captain Chute won his specialty, the mile, easily with 4 m. 41 s., as his team mate R. S. Smith came in third. Cy Meagher of Tech also came through in the 440, winning with 54 4-4 s., while Churchill of Tech won a single tally.

Martini of Technology was second

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Broadhurst and Hinck Lose in Miller's New Mark Accepted in high point scorer for the Engineers, winning second honors in both the shot put and discus throw. Injuries have kept him out of most of the freshman meets or he would have been an important scoring factor for the frosh.

Farwell of the Cambridge team was unable to get higher than 5 ft. 6 in., to tie for second place with Conger of the Brunonians.

This was the last meet of the year and again brought out the fact that the frosh have several stars for the first places but lack second and third smashed by the M. I. T. runners, as place winners to carry off team hon-Pete Kirwin continued his spectacular ors. However, these stars should be

Summary:

One hundred-yard dash-Won by Miller (MIT); second, Weaver (B); third, Crull (B). Time 10 1-5s.

Two hundred and twenty-yard dash-Won by Miller (MIT); second, Weaver (B); third, Friedman (T). Time 23 1-5s. (New record.) Four hundred and forty-yard run-Won by Meagher (MIT); second, Howard (B); third, Churchill (MIT). Time 54 4-5s.

Eight hundred and eighty-yard run-Won by Kirwin (MIT); second, Gardner (B); third. Woodruff (B). Time-2m. 1 1-5s.

One-mile run-Won by Chute (MIT); second, Gross (B); third, Smith (MIT). Time-

One hundred and twenty-yard high hurdles

### **OUTING CLUB ELECTS BOARD FOR NEXT YEAR**

At a meeting of the Outing Club yesterday evening the following men were elected as officers for the coming year. President, H. P. Sisk '27; Vice President, W. L. Hamilton '26; Secretary-Treasurer, R. K. Doten '27; Committee on Outings, Edgar O'Neii '26, Charles Germain '27 and R. W. Davy '27.

In an unofficial discussion before the meeting the general opinion was that the previous year had been quite a success both financially and in respect to the number of trips conducted. As Sisk is a member of the Appalachian Mountain Club it is hoped that next year will be even better and plans are already under way for numerous week end hikes through the White Mountains.

-Won by Collins (MIT); second, Conger (B) third, Gardner (B). Time-17 2-5s.

High jump-Tied for first between Conger (B) and Farwell (MIT); third, tied between Smith (B) and Pease (MIT). Height-5ft.

Pole vault-Won by Stevens (B); second, tied between Dodge (B) and Gray (MIT). 10ft.6in. Shotput-Won by Pike (B); second, Martini (MIT); third, Stachelhaus (MIT). 42ft. 10 1-2 in.

Hammer throw-Won by Getz (B); second, Pike (B); third, Martini (MIT). 117ft. 5 1-2in. Discus throw-Won by Peterson (B); second. Martini (MIT); third, Pike (B). 100ft. 4 1-2in. Javelin throw-Won by Stackpole (MIT); second, Getz (B); third, McCarthy (MIT). 133ft. 6in.

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## Notices and Announcements

### **OFFICIAL**

#### R. O. T. C. EXAMS

R. O. T. C. Students going to summer camp who have not yet been examined physically must get their doctors to examine them on the War Department form which may be obtained from the Department of Military Science. This must be done at once.

#### **UNDERGRADUATES**

#### EH THEMES

Students who took English and History with the class of 1925 may get their themes in room 2-285.

#### CIVIL SOCIETY ELECTIONS Election of officers to the Civil En-

gineering Society will be held today in room 1-375 from 9 to 5. The results will be announced at the banquet next Wednesday evening.

## **TECHNIQUE**

The Technique office will be open vited. every afternoon after 5 to deliver books unclaimed will be put on sale tomor

#### M. I. T. MATH CLUB

Dr. King of the Harvard Observatory will speak on "The Extent of the Universe" at the next meeting of the Math Club, Monday, May 25 at 8, in North Hall of Walker. Everyone interested

#### MUSICAL CLUBS

There will be a very important meeting of the management of the Musical Clubs in the office today at 5. All men on the management must be there.

#### BENCHMARK COMPETITION

Competition closes today at 5.00 All advertising material and a short report is due in THE TECH business office, room 302 Walker, at this time.

### M. I. T. MATH CLUB

Dr. King of the Harvard Observatory will speak on "The Extent of the Universe" at the next meeting of the Math Club, tonight at 8, in North Hall of Walker. Everyone interested is in-

Books reserved by signups, but still NAVAL ARCHITECTURE SOCIETY There will be an important meeting in room 5-420 this afternoon at 2.

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